

Patent Application
Docket No. P14984US

CLAIM AMENDMENT

1. (currently amended (twice)) A method for transferring policy information network node in an Internet Protocol (IP) network from a network node comprising a table, the table comprising a plurality of records, ~~wherein each record associates at least two Policy Enforcement Points (PEP) with a range of IP addresses; and, the method comprising the steps of:~~
 - ~~wherein the network node is capable of~~
 - at the network node, listing in each of the plurality of records of the table at least two Policy Enforcement Points (PEP) with a range of IP addresses;
 - in the network node, with a specific IP address, finding one of the plurality of records from the table corresponding to the specific IP address, wherein the specific IP address is within the range of IP addresses of the one of the plurality of records;
 - in the network node, reading a first one of the at least two PEPs in the one of the plurality of records;
 - from the network node, sending policy information to the first PEP;
 - upon reception at the network node of an indication that the first PEP is not working, reading a second one of the at least two PEPs in the one of the plurality of records; and
 - from the network node, sending policy information to the second PEP.
2. (previously cancelled)
3. (currently amended (twice)) The network node method according to claim 1, wherein in the step of listing in each of the plurality of records of the table at least two PEPs, the range of IP addresses represents a single IP address.

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4. (currently amended (twice)) The ~~network node method~~ according to claim 1, wherein the step of listing in each of the plurality of records of the table the at least two PEPs is performed by an operator of the IP network ~~network node is a Policy Decision Point (PDP).~~
5. (currently amended (twice)) The ~~network node method~~ according to ~~claim 4~~ claim 1, wherein the network node resides in a Third Generation Partnership Project (3GPP) network, the 3GPP being part of the IP network.
6. (cancelled)
7. (cancelled)
8. – 11. (previously canceled)
12. (currently amended) A method for updating a table of data records, wherein each of the data records associates an Internet Protocol (IP) address range with a first Policy Enforcement Point (PEP) and a second PEP and wherein the table of data ~~record~~ records resides in a network node, the method comprising steps of:
 - receiving from a PEP routing information ~~in~~ at the network node; and
 - upon reception of the routing information at the network node:
 - extracting, from the routing information, IP addresses assigned to the PEP;
 - comparing the received routing information with information stored in at least one data record, wherein the at least one data record has at least one of the PEP and the IP addresses being listed therein; and
 - if needed, updating the at least one data record.
13. (cancelled)
14. (original) The method according to claim 12, wherein the IP addresses in the routing information are represented by at least one IP address range.

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15. (cancelled)

16. (original)The method according to claim 12, wherein the routing information is sent using a standard routing protocol.

17. - 22.(previously cancelled)